

Michigan ITS Center

Serving the Southeast Michigan Freeways
www.michigan.gov/its

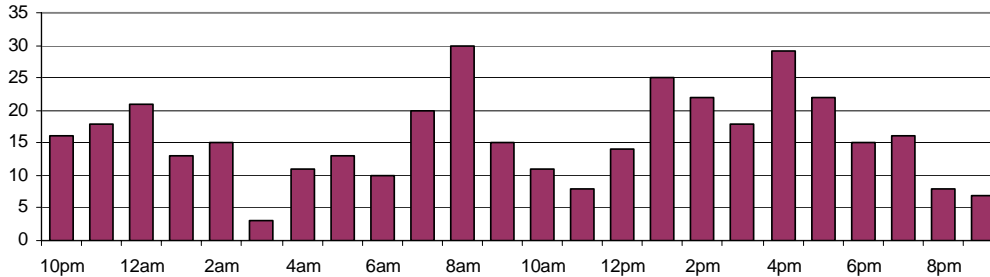


Mia Silver, PE PTOE
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1060 6th Street
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June 2006

CONTROL ROOM SUPPORT ACTIVITY

Total Incidents per Hour



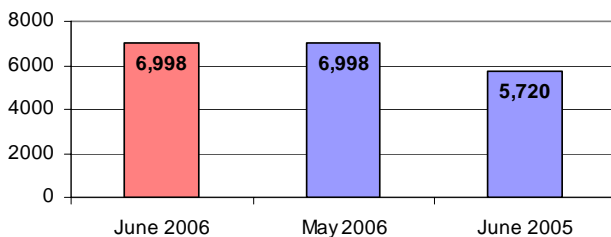
Total Incidents by Roadway

Freeway	Jun 2006	May 2006	Jun 2005
I-75	80	99	160
I-94	84	115	129
I-96	50	47	69
I-275	34	47	50
I-375	0	1	1
I-696 (Reuther)	57	60	122
M-5 (Grand River)	0	1	0
M-8 (Davison)	0	0	0
M-10 (Lodge)	39	55	68
M-14	0	0	0
M-39 (Southfield)	36	35	39
Total	380	460	638

Monthly Incident Activity

	Jun 2006	May 2006	Jun 2005
Freeway Closures	13	18	N/A
Lane Closures	39	48	N/A
Ramp Closures	9	7	N/A

Monthly Call History



Calls by Type

Agency	No. of Calls
Freeway Courtesy Patrol	4825
Michigan State Police	864
Media	749
MDOT Construction (Incoming)	148
MDOT Construction (Outgoing)	58
Other MDOT	145
ITS Maintenance	27
Other	182
Total	6998

MITS Center News



The AuxTOC was activated for the 2006 Freedom Festival fireworks display. A coordinated multi-agency traffic plan for this event was developed and implemented, building on past years' experience. Other

Planned Special Events were supported by the MITS Center, including the Ikea store opening in Canton Twp.

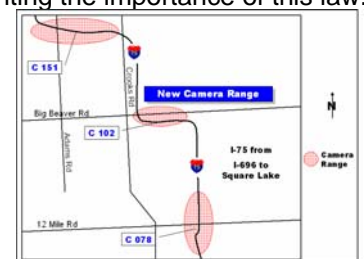
MITS operations outreach activities in June included presenting the camera sharing tool to the Road Commission for Oakland County supervisors.

A presentation to the ITS Michigan annual meeting highlighted how ITS and coordination activities benefited recent major planned special events in the Detroit area.

MITS hosted a camera based traffic control work shop for construction. The "birds-eye view" from the cameras demonstrated traffic operations in active work zones.

Michigan's "move over" caution law requires that motorists move over where possible or slow for emergency vehicles, FCP, and tow trucks. An FCP van was struck at freeway speeds on June 10th, highlighting the importance of this law.

A CCTV camera site near I-75 and Big Beaver was upgraded in June to provide a camera coverage of I-75 as shown on the map to the right.



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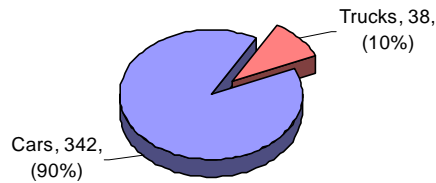
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CONTROL ROOM DISPATCH ACTIVITY

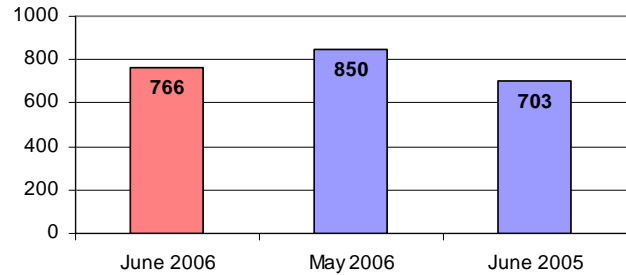
- Of the 4,368 assists that the Freeway Courtesy Patrol (FCP) provided during the month of June, 766 assists (18%) were dispatched by the FCP dispatchers located at the MITS Center.

Vehicle Composition of Incidents

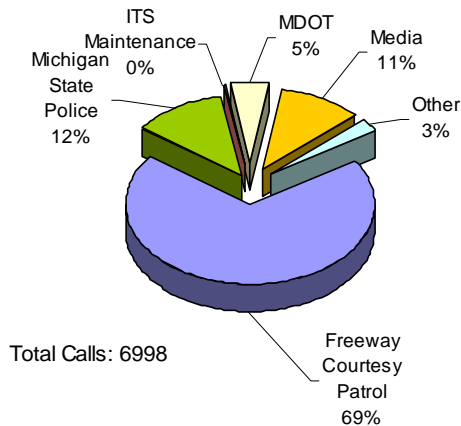


Total Incidents: 380

Freeway Courtesy Patrol Monthly Dispatch Activity

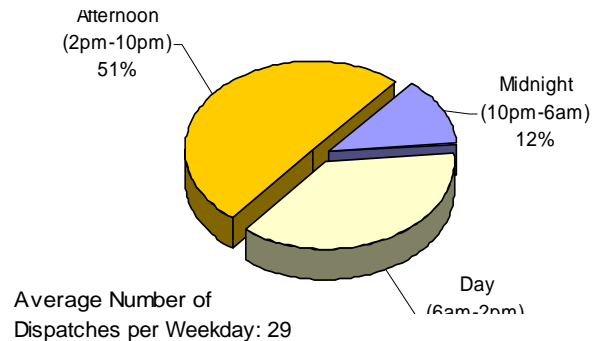


Calls by Type



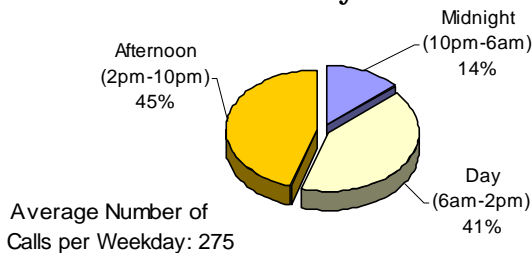
Total Calls: 6998

Freeway Courtesy Patrol Dispatches by Weekday Shift



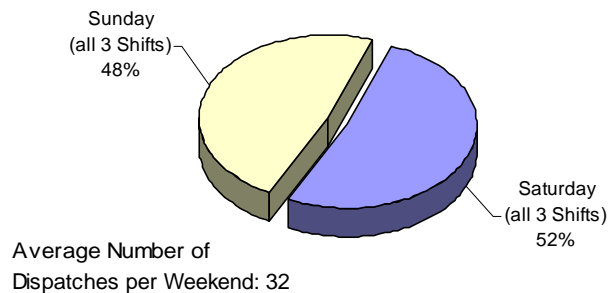
Average Number of Dispatches per Weekday: 29

Calls by Weekday Shift



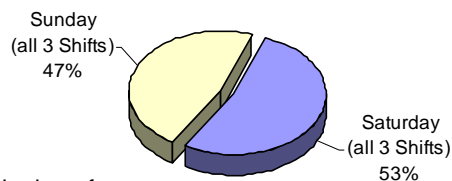
Average Number of Calls per Weekday: 275

Freeway Courtesy Patrol Dispatches by Weekend Day



Average Number of Dispatches per Weekend: 32

Calls by Weekend Day



Average Number of Calls per Weekend: 240

Note: Additional FCP information may be found beginning on page 4.

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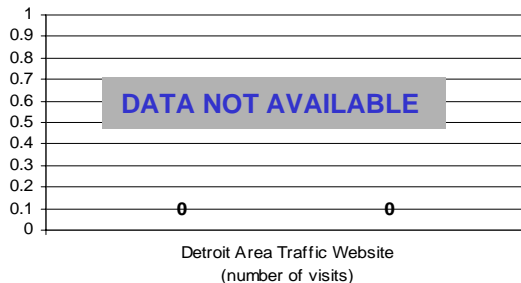
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TRAVELER INFORMATION ACTIVITY

- The MITS Center provides traffic information to users and motorists via the dynamic message signs (DMS) and the MDOT website (see www.michigan.gov/mdot, click on "Detroit Traffic")

Website Activity



■ April 2006 ■ Fiscal Year-to-Date Monthly Average

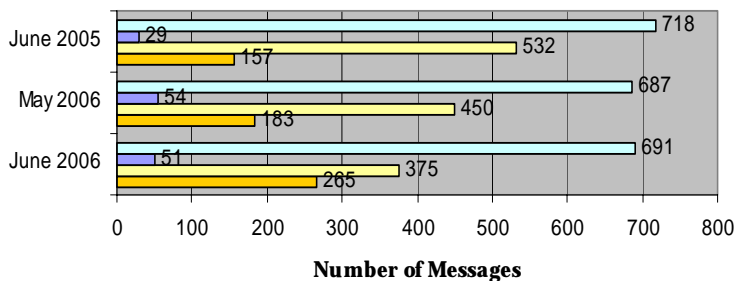
Top 5 DMS with Unique Messages

1	M-10 NB at Porter
2	I-94 WB at Burns
3	I-94 WB at Beaubien
4	I-75 SB at Clay
5	M-10 SB at Euclid

Incident Communication Accuracy

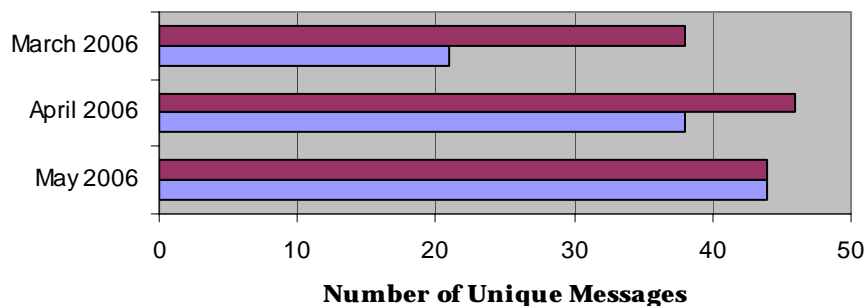
Weekend DMS Snapshot Review	Jun 2006	May 2006	Jun 2005
All Incident Messages	99.2%	100.0%	100.0%
High Impact DMS Messages	Jun 2006	May 2006	Jun 2005
All High Impact Messages	98.4%	98.6%	97.0%
Freeway Closure Messages	92.3%	94.4%	N/A
Lane Closure Messages	100.0%	100.0%	N/A
Ramp Closure Messages	100.0%	100.0%	N/A
Other Communication	Jun 2006	May 2006	Jun 2005
Advisory Text-Messages	98.4%	95.9%	87.0%
Website Incident Postings	100.0%	100.0%	94.0%

Unique DMS Messages by Type



■ Construction ■ Incident ■ Other ■ Total

Weekend Construction DMS Message Activity



■ Average Weekend ■ Highest Weekend

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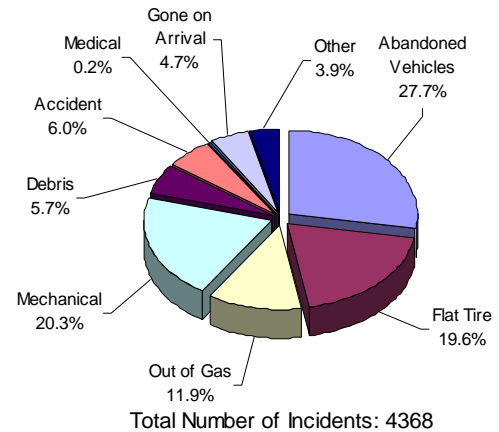
FREEWAY COURTESY PATROL ACTIVITY

- Established in 1994, the Freeway Courtesy Patrol provides assistance to motorists by reducing potential crash situations, relieving traffic congestion and helping to create safer driving environments. Services are funded by MDOT through a grant from the Federal Highway Administration.

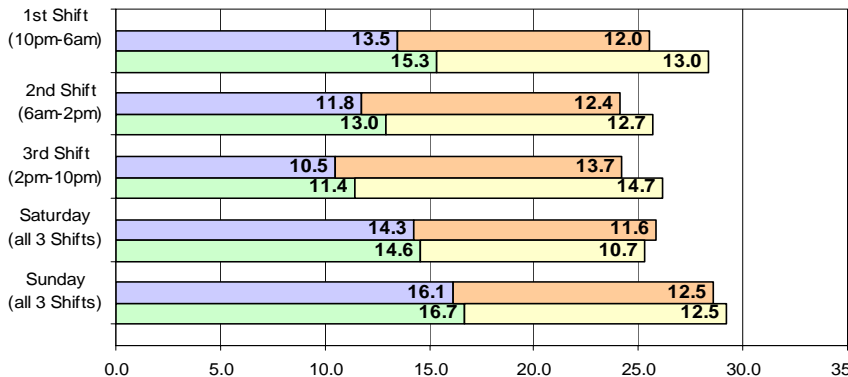
Motorist Quote of the Month

"I just wanted to take a moment and thank you for the assistance I received on I-94 Westbound between exits 217 and 218. when I had a flat tire. Changing a tire is no fun anytime, but when cars are whizzing by it can be very scary., particularly after working all night. I had just gotten started setting up the jack when your people pulled up. "What a relief". Just having the van and someone there for support was great and I was on my way in no time. 'My Thanks to him and your entire team'."

Assist Type

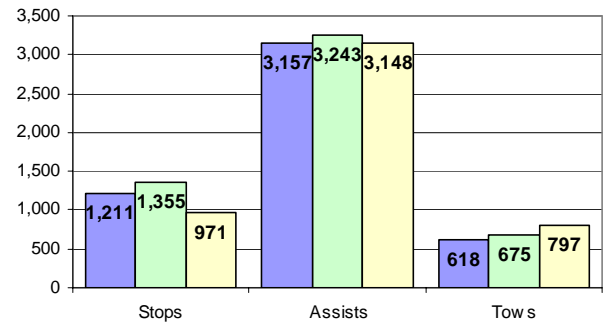


FCP Average Service Times



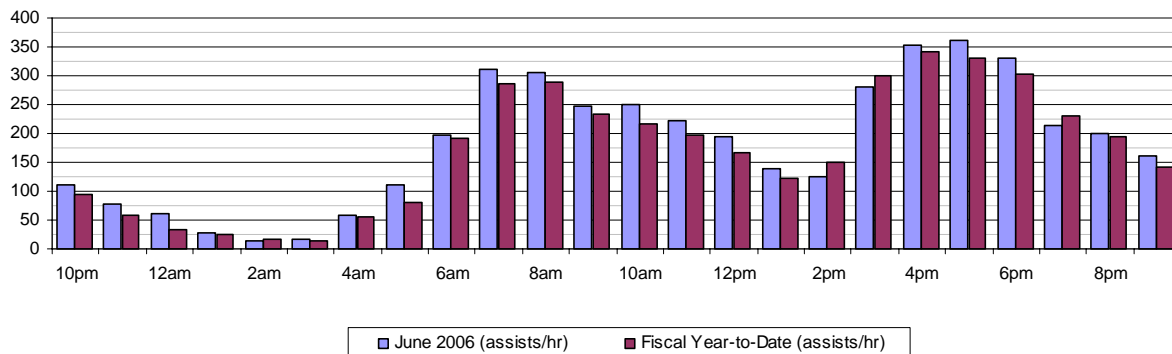
June 2006 (min): □ Average Response Times □ Average Clear Times
Fiscal Year-to-Date (min): □ Average Response Times □ Average Clear Times

History of Key FCP Activities



□ June 2006 □ May 2006 □ June 2005

FCP Assists by Time of Day



□ June 2006 (assists/hr) ■ Fiscal Year-to-Date (assists/hr)

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FREEWAY COURTESY PATROL ACTIVITY

Freeway Courtesy Patrol Service Area



0 - 5.9 (assists/mile) 6 - 10.9 (assists/mile) 11 - 16.9 (assists/mile) 17 & greater (assists/mile)

Freeway	COVERAGE (miles)	TOTAL ASSISTS*		ASSIST DENSITY (assists/mile)		AVERAGE RESPONSE TIME (min)	
		June 2006	Fiscal YTD	June 2006	Fiscal YTD	June 2006	Fiscal YTD
I-75	87.6	1062	968	12.1	11.1	13.0	13.8
I-94	60.7	1057	880	17.4	14.5	11.5	13.0
I-96	34.0	818	585	24.1	17.2	11.3	13.5
I-275	37.5	366	329	9.8	8.8	13.0	13.3
I-375	1.2	8	7	6.7	5.6	10.0	13.1
I-696 (Reuther)	28.7	366	366	12.8	12.7	12.9	12.3
M-5 (Grand River)	10.3	40	36	3.9	3.5	5.3	13.9
M-8 (Davison)	2.2	57	56	25.9	25.3	7.6	8.9
M-10 (Lodge)	17.9	367	315	20.5	17.6	11.2	12.1
M-14	6.4	33	54	5.2	8.5	20.3	16.1
M-39 (Southfield)	14.2	194	207	13.7	14.5	10.4	12.1

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DATA KEY INFORMATION

Table	Description	Data Source
Total Incidents per Hour	Displays the total incidents in the current month by hour of day.	ATMS Incident Log - Manually entered information by the operator.
Total Incidents by Roadway	Displays the total incidents in the current month by roadway.	ATMS Incident Log - Manually entered information by the operator.
Monthly Incident Activity	Displays the number of major incidents for the current month, previous month, and previous year.	Monthly Closure QC - QC of email advisory notifications sent for major incidents.
Monthly Call History	Displays the number of incoming and outgoing Control Room Operator calls, including 2-way and select MSP CAD entries, for the current month, previous month and previous year.	Call Log Database - Manually entered data by the operator of all incoming and outgoing Control Room Operator calls, including 2-way communications and select MSP CAD entries.
Calls by Type (page 1)	Displays the number of incoming and outgoing Control Room operator calls, including 2-way and select MSP CAD entries, by agency for the current month.	Call Log Database - Manually entered data by the operator of all incoming and outgoing Control Room Operator calls, including 2-way communications and select MSP CAD entries.
Vehicle Composition of Incidents	Displays the amount of incidents involving trucks and the amount of incidents not involving trucks for the current month.	ATMS Incident Log - Manually entered information by the operator.
Freeway Courtesy Patrol Monthly Dispatch Activity	Displays the number of incidents dispatched by Control Room operators to FCP for the current month, previous month, and previous year.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident.
Calls by Type	Displays the number of incoming and outgoing Control Room operator calls, including 2-way and select MSP CAD entries, by agency for the current month.	Call Log Database - Manually entered data by the operator of all incoming and outgoing Control Room Operator calls, including 2-way communications and select MSP CAD entries.
Freeway Courtesy Patrol Dispatches by Weekday Shift	Displays the distribution of incidents dispatched by Control Room operators to FCP by weekday shift.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident where How Detected equals Fwy Ops.
Calls by Weekday Shift	Displays the distribution of call activity for the Control Room operators by weekday shift.	Call Log Database - Manually entered data by the operator of all incoming and outgoing Control Room Operator calls, including 2-way communications and select MSP CAD entries.

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DATA KEY INFORMATION

Calls by Weekend Day	Displays the distribution of call activity for the Control Room operators by weekend day.	Call Log Database - Manually entered data by the operator of all incoming and outgoing Control Room Operator calls, including 2-way communications and select MSP CAD entries.
Freeway Courtesy Patrol Dispatches by Weekend Day	Displays the distribution of incidents dispatched by Control Room operators to FCP by weekend day.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident where How Detected equals Fwy Ops.
Website Activity	Displays the total number of server requests for current month, previous month and previous year on the MDOT real time traffic information website.	Pending incorporation of web server statistics.
Top 5 DMS with Unique Messages	Displays the top 5 DMS in terms of the number of unique messages displayed for the month.	Pending completion of database updates.
Unique DMS Messages by Type	Displays the total number of unique DMS messages by type that occurred during the month.	Pending completion of database updates.
Incident Communication Accuracy	Displays the accuracy of DMS, advisory text messages and messages posted on the website. Accuracy measures include DMS signs used, wording, and timing.	Monthly Closure QC - QC of email advisory notifications sent for major incidents. Daily DMS Message QC - QC of DMS message snapshots system wide 7 times per day, 3 days per week High Impact Message QC - QC of incident information for each high impact incident resulting in an email advisory.
Weekend Construction DMS Message Activity	Displays the total number of freeway construction DMS messages displayed in a month.	Pending completion of database updates.
Assist Type	Displays the distribution of incident types for incidents responded to by FCP.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident.
FCP Average Service Times	Displays the average response times and average clear times by shift.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident.
History of Key FCP Activities	Displays the number of Freeway Courtesy Patrol "stops", "assists" and "tows" for the current month, previous month and previous year.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident
FCP Assists by Time of Day	Displays the total assists for 2-hour increments over a 24-hour period.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident.

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DATA KEY INFORMATION

Freeway Courtesy Patrol Service Area - Map	Displays FCP freeway coverage by roadway measured by assists per mile of freeway.	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident.
Freeway Courtesy Patrol Service Area - Table	Displays the total coverage distance, total assists, assist density and average response time by freeway. Values with no available data are denoted as "-"	FCP Call Card Database - Data cards filled out by the freeway courtesy patrol at each incident.